



Division of Facilities Services

**DOD Hazardous Material Information (ANSI Format)
For Cornell University Convenience Only**

WELD-ON 705 FOR PVC PLASTIC PIPE

<u>Section 1 - Product and Company Identification</u>	<u>Section 9 - Physical & Chemical Properties</u>
<u>Section 2 - Composition/Information on Ingredients</u>	<u>Section 10 - Stability & Reactivity Data</u>
<u>Section 3 - Hazards Identification Including Emergency Overview</u>	<u>Section 11 - Toxicological Information</u>
<u>Section 4 - First Aid Measures</u>	<u>Section 12 - Ecological Information</u>
<u>Section 5 - Fire Fighting Measures</u>	<u>Section 13 - Disposal Considerations</u>
<u>Section 6 - Accidental Release Measures</u>	<u>Section 14 - MSDS Transport Information</u>
<u>Section 7 - Handling and Storage</u>	<u>Section 15 - Regulatory Information</u>
<u>Section 8 - Exposure Controls & Personal Protection</u>	<u>Section 16 - Other Information</u>

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**Section 1 - Product and Company Identification
WELD-ON 705 FOR PVC PLASTIC PIPE**

Product Identification: WELD-ON 705 FOR PVC PLASTIC PIPE

Date of MSDS: 01/01/1987 **Technical Review Date:** 12/31/1996

FSC: 8040 **NIIN:** LIIN: 00N001377

Submitter: N EN

Status Code: C

MFN: 01

Article: N

Kit Part: N

Manufacturer's Information

Manufacturer's Name: INDUSTRIAL POLYCHEMICAL SERVICE
Post Office Box: 379
Manufacturer's Address1: 17109 S MAIN
Manufacturer's Address2: GARDENA, CA 90247
Manufacturer's Country: US
General Information Telephone: 213-321-6515
Emergency Telephone: 213-321-6515
Emergency Telephone: 213-321-6515
MSDS Preparer's Name: N/P
Proprietary: N
Reviewed: Y
Published: Y
CAGE: 17510
Special Project Code: N

Contractor Information

Contractor's Name: IPS CORPORATION
Post Office Box: 379
Contractor's Address1: 17109 S. MAIN ST.,
Contractor's Address2: GARDENA, CA 90248
Contractor's Telephone: 310-898-3300
Contractor's CAGE: 17510

Section 2 - Composition/Information on Ingredients
WELD-ON 705 FOR PVC PLASTIC PIPE

Ingredient Name: CYCLOHEXANONE (SARA III)
Ingredient CAS Number: 108-94-1 **Ingredient CAS Code:** M
RTECS Number: GW1050000 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: N/P
% Environmental Weight:
Other REC Limits: N/P
OSHA PEL: S, 50 PPM **OSHA PEL Code:** M
OSHA STEL: **OSHA STEL Code:**
ACGIH TLV: S, 25 PPM; 9293 **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity: 5000 LBS

DOT Reporting Quantity: 5000 LBS
Ozone Depleting Chemical: N

Ingredient Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

Ingredient CAS Number: 78-93-3 **Ingredient CAS Code:** M

RTECS Number: EL6475000 **RTECS Code:** M

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: N/P

% Enviromental Weight:

Other REC Limits: N/P

OSHA PEL: 200 PPM/300 STEL **OSHA PEL Code:** M

OSHA STEL: **OSHA STEL Code:**

ACGIH TLV: 200 PPM/300 STEL 9192 **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity: 5000 LBS

DOT Reporting Quantity: 5000 LBS

Ozone Depleting Chemical: N

Ingredient Name: POLYVINYL CHLORIDE RESIN (CAS#:9002-86-2) (W/INERT FILLERS & PIGMENTS)

Ingredient CAS Number: **Ingredient CAS Code:** X

RTECS Number: KV0350000 **RTECS Code:** M

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: N/P

% Enviromental Weight:

Other REC Limits: N/P

OSHA PEL: N/P **OSHA PEL Code:**

OSHA STEL: **OSHA STEL Code:**

ACGIH TLV: N/P **ACGIH TLV Code:**

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical:

Ingredient Name: TETRAHYDROFURAN (SARA III)
Ingredient CAS Number: 109-99-9 **Ingredient CAS Code:** M
RTECS Number: LU5950000 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: N/P
% Enviromental Weight:
Other REC Limits: N/P
OSHA PEL: 200 PPM/250 STEL OSHA PEL Code: M
OSHA STEL: OSHA STEL Code:
ACGIH TLV: 200 PPM/250 STEL; 9192 ACGIH TLV Code: M
ACGIH STEL: N/P ACGIH STEL Code:
EPA Reporting Quantity: 1000 LBS
DOT Reporting Quantity: 1000 LBS
Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview
WELD-ON 705 FOR PVC PLASTIC PIPE

Health Hazards Acute & Chronic: N/P

Signs & Symptoms of Overexposure:

W/SEVERE OVEREXP, POSS NAUS, DIZZ, HEADACHE. POSS NARCOSIS, EYE, SKIN & NASAL
PASSAGE IRRIT. (SEE OTHR PREC)

Medical Conditions Aggravated by Exposure:

N/P

LD50 LC50 Mixture: N/P

Route of Entry Indicators:

Inhalation: N/P

Skin: N/P

Ingestion: N/P

Carcenogenicity Indicators

NTP: N/P

IARC: N/P

OSHA: N/P

Carcinogenicity Explanation: N/P

Section 4 - First Aid Measures
WELD-ON 705 FOR PVC PLASTIC PIPE

First Aid:

INHAL:IF OVERCOME BY VAPS,REMOVE TO FRESH AIR.GIVE ARTIFICL RESP/0*2 AS NECESSARY.CALL PHYS.SKIN:REMOVE CONTAM CLOTHES&SHOES.WASH SKIN W/PLENTY H*20 15 MIN.EYE:FLUSH W/PLENTY H*20 15 MIN,CALL PHYS.ING EST:IF SWALLOW,DONT INDUCE VOMITING.CALL MD IMMED.

Section 5 - Fire Fighting Measures
WELD-ON 705 FOR PVC PLASTIC PIPE

Fire Fighting Procedures:

EVACUATE ENCLOSED AREA.STAY UPWIND.CONFINED (SEE SUPP DATA)

Unusual Fire or Explosion Hazard:

FIRE HAZ BECAUSE OF LOW FLASH PT&HIGH VOLATILITY.VAPS HEAVIER THAN AIR&MAY TRAVEL TO IGNITION SOURCE

Extinguishing Media:

DRY CHEM,CO*2,FOAM-ANSUL "PURPLE K"-NATL AER-0-FOAM,H*20 FOG

Flash Point: Flash Point Text: 6-8F (TCC)

Autoignition Temperature:

Autoignition Temperature Text: N/A

Lower Limit(s): 1.8

Upper Limit(s): 11.8

Section 6 - Accidental Release Measures
WELD-ON 705 FOR PVC PLASTIC PIPE

Spill Release Procedures:

ELIMINATE ALL IGNITN SOURCES.AVOID INHAL VAPORS.KEEP LIQ OUT OF EYES.FLUSH W/LRG VOLUME OF H*20.CONTAIN LIQ W/SAND OR EARTH.ABSORB W/SAND OR NONFLAMMABLE ABSORBENT MATL&TRANSFER INTO STEEL DRUMS FOR R ECOVERY/DISPOSAL.PREVENT LIQ FROM ENTERING DRAINS.

Section 7 - Handling and Storage
WELD-ON 705 FOR PVC PLASTIC PIPE

Handling and Storage Precautions:

Other Precautions:

Section 8 - Exposure Controls & Personal Protection
WELD-ON 705 FOR PVC PLASTIC PIPE

Repiratory Protection:

USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAP FOR CONFINED AREA

Ventilation:

PERFER LOCAL EXHAUST.PROVIDE ADEQ VENT,KEEP VAPOR CONC < TLV

Protective Gloves:

RUBBER OR PVA

Eye Protection: CHEMICAL WORKERS GOGGLES

Other Protective Equipment: IMPERVIOUS APRON (IF NEEDED)

Work Hygenic Practices: N/P

Supplemental Health & Safety Information: BOIL PT&VAP PRESS:BASED ON 1ST BOILING
INGRED,THF % VOLATILE:85-90.FIRE FIGHT:AREA REQ SCBA,POSITIV PRESS
HOSE/AIRLINE MASK.H*20 SPRAY TO:COOL CNTNR,FLUSH SPILL FROM IGNITN
SOURCE,DISPERSE VAP

Section 9 - Physical & Chemical Properties**WELD-ON 705 FOR PVC PLASTIC PIPE**

HCC: F3

NRC/State License Number: N/A

Net Property Weight for Ammo: N/A

Boiling Point: Boiling Point Text: 151F,66C

Melting/Freezing Point: Melting/Freezing Text: N/A

Decomposition Point: Decomposition Text: N/A

Vapor Pressure: 143 Vapor Density: 2.49

Percent Volatile Organic Content:

Specific Gravity: 0.920

Volatile Organic Content Pounds per Gallon:

pH: N/P

Volatile Organic Content Grams per Liter:

Viscosity: N/P

Evaporation Weight and Reference: 5.5-8 (BUAC)

Solubility in Water: N/P

Appearance and Odor: CLEAR OR GRAY,MEDIUM SYRUPY LIQUID,ETHEREAL ODOR.

Percent Volatiles by Volume: 0.92

Corrosion Rate: N/P

Section 10 - Stability & Reactivity Data**WELD-ON 705 FOR PVC PLASTIC PIPE**

Stability Indicator: YES

Materials to Avoid:

CAUSTICS,AMMONIA,INORGANIC ACIDS,CHLORINATED (SEE OTHR PREC)

Stability Condition to Avoid:

KEEP FROM HEAT,SPARKS,OPEN FLAME&OTHR IGNITN (SEE OTHR PREC)

Hazardous Decomposition Products:

WHEN FORCED TO BURN,PVC GIVES OUT CO,CO*2,HCL & SMOKE.

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

KEEP AWAY FROM HEAT,SPARKS,OPEN FLAME&OTHER IGNITION SOURCES

Section 11 - Toxicological Information**WELD-ON 705 FOR PVC PLASTIC PIPE**

Toxicological Information:

N/P

Section 12 - Ecological Information
WELD-ON 705 FOR PVC PLASTIC PIPE

Ecological Information:

N/P

Section 13 - Disposal Considerations
WELD-ON 705 FOR PVC PLASTIC PIPE

Waste Disposal Methods:

FOLLOW LOCAL, STATE & FEDERAL REGULATIONS. CONSULT DISPOSAL EXPERT. CAN BE DISPOSED OF BY INCINERATION. EXCESSIVE QUANTITIES SHOULD NOT BE PERMITTED TO ENTER DRAINS.

Section 14 - MSDS Transport Information
WELD-ON 705 FOR PVC PLASTIC PIPE

Transport Information:

N/P

Section 15 - Regulatory Information
WELD-ON 705 FOR PVC PLASTIC PIPE

SARA Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Section 16 - Other Information
WELD-ON 705 FOR PVC PLASTIC PIPE

Other Information:

N/P

HMIS Transportation Information

Product Identification: WELD-ON 705 FOR PVC PLASTIC PIPE

Transportation ID Number: 12015

Responsible Party CAGE: 17510

Date MSDS Prepared: 01/01/1987

Date MSDS Reviewed: 11/03/1983

MFN: 11/03/1983

Submitter: N TN

Status Code: C

Container Information

Unit of Issue: NK

Container Quantity: NK

Type of Container:

Net Unit Weight:

Article without MSDS: N

Technical Entry NOS Shipping Number:

Radioactivity:

Form:

Net Explosive Weight:

Coast Guard Ammunition Code:

Magnetism: N/P

AF MMAC Code:

DOD Exemption Number:

Limited Quantity Indicator:

Multiple Kit Number: 0

Kit Indicator: N

Kit Part Indicator: N

Review Indicator: Y

Additional Data:

Department of Transportation Information

DOT Proper Shipping Name: ADHESIVES,

DOT PSN Code: AFR

Symbols:

DOT PSN Modifier: CONTAINING A FLAMMABLE LIQUID

Hazard Class: 3

UN ID Number: UN1133

DOT Packaging Group: II

Label: FLAMMABLE LIQUID

Special Provision(s): B52,T,T30

Packaging Exception: 150

Non Bulk Packaging: 173

Bulk Packaging: 242

Maximum Quantity in Passenger Area: 5 L

Maximum Quantity in Cargo Area: 60 L

Stow in Vessel Requirements: B

Requirements Water/Sp/Other:

IMO Detail Information

IMO Proper Shipping Name: ADHESIVES,

IMO PSN Code: AIF

IMO PSN Modifier: CONTAINING A FLAMMABLE LIQUID o

IMDG Page Number: 3102

UN Number: 1133

UN Hazard Class: 3.1

IMO Packaging Group: I/II*

Subsidiary Risk Label: -

EMS Number: 3-05

Medical First Aid Guide Number: 330

IATA Detail Information

IATA Proper Shipping Name: ADHESIVES

IATA PSN Code: AKY
IATA PSN Modifier: ,CONTAINING FLAMMABLE LIQUID
IATA UN Id Number: 1133
IATA UN Class: 3
Subsidiary Risk Class:
UN Packaging Group: II
IATA Label: FLAMMABLE LIQUID
Packaging Note for Passengers: 305
Maximum Quantity for Passengers: 5L
Packaging Note for Cargo: 307
Maximum Quantity for Cargo: 60L
Exceptions: A7

AFI Detail Information

AFI Proper Shipping Name: ADHESIVES
AFI Symbols:
AFI PSN Code: AKY
AFI PSN Modifier: ,CONTAINING FLAMMABLE LIQUID
AFI UN Id Number: UN1133
AFI Hazard Class: 3
AFI Packing Group: II
AFI Label:
Special Provisions: P5
Back Pack Reference: A7.3

HAZCOM Label Information

Product Identification: WELD-ON 705 FOR PVC PLASTIC PIPE
CAGE: 17510
Assigned Individual: N
Company Name: IPS CORPORATION
Company PO Box: 379
Company Street Address1: 17109 S. MAIN ST.,
Company Street Address2: GARDENA, CA 90248 US
Health Emergency Telephone:
Label Required Indicator: Y
Date Label Reviewed: 12/16/1998
Status Code: C
Manufacturer's Label Number:
Date of Label: 12/16/1998
Year Procured: N/K
Organization Code: F
Chronic Hazard Indicator: N/P
Eye Protection Indicator: N/P
Skin Protection Indicator: N/P
Respiratory Protection Indicator: N/P
Signal Word: N/P
Health Hazard:
Contact Hazard:
Fire Hazard:
Reactivity Hazard:

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